

vallfirest[®]

forestry technologies



vft safety



vft tools



vft frontline



vft aerial

Catalog
2020 · 21



Vallfire is a reference manufacturer of equipment, tools and solutions for wildland firefighting.

Why does Vallfire exist?

There had barely been any innovation in the wildland fire sector before its foundation in 2007. Working in the field of wildland fire extinction in Europe and the United States made us realize that we were in a situation where fires were evolving yet the technology solutions being offered weren't.

Our mission

We wish to change the world of wildland fires by equipping professionals with tools, equipment and services based on technological innovations and analyses of lessons learnt to efficiently and safely manage and fight 21st century fires.

Present

Nowadays, Vallfire distributes in more than 60 countries and our products and solutions are present in wildland fires all over the world.

Future

We are seeing more intensive fires all the time which exceed the power of existing extinguishing equipment. This change of paradigm requires new strategies and solutions. We want you to be ready. How? By sharing knowledge and offering **innovative solutions for wildland fire fighting.**



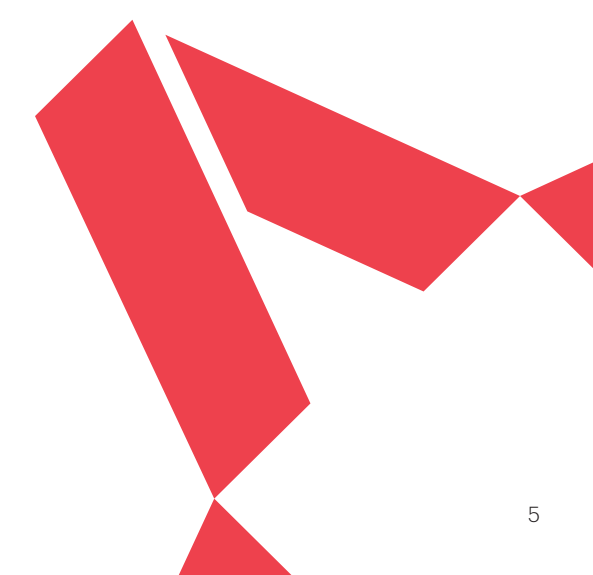
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Total Protection from Head to Toe

Wildland fire prevention and extinction requires equipment that's adapted for these types of situations. The **vft safety** division offers next-generation protective equipment designed exclusively so wildland firefighters and emergency units may do their work safely and comfortably.





vft Helmets



Light Robust Comfortable

Protection and versatility for wildland rescue and fire operations

vft helmets are the result of years of joint work with sector professionals around the world.

Modernly designed, versatile and easy to use, many different accessories can be connected to them to adapt to the most demanding operational needs.

vft 1 Helmets

Greater protection and resistance

A wrap-around design produced in a single PC/ABS piece without added paint, the protective visor provides extra lateral protection against liquids coming from aerial discharges with flame retardant.

More comfortable and breathable

A ventilation system on the top with open/close regulation for better heat evacuation and an ergonomic inner harness with a crown pad. The textile protection on vft helmets is replaceable and washable unlike on other helmets on the market.

Tailor-made fit for every head

An inner multi-size harness with rear wheel adjustment and a new fireproof chin strap with 6 adjustment points so the protective helmet will perfectly fit any head.

Customization

A large variety of colors available, reflective strips with marking and possibility of adding a shield.



One helmet, many solutions

Compatible with all types of accessories. Goggle anchoring, front light system anchoring clips, flashlight anchoring, foldable PC shield system and clearing shield. Noise protection, nape guards, radio systems and video cameras can be included.

LED Flashlight



Front Mount



vft Goggles



PC Screen



Power Saw Kit



vft Nape Guard



Standards

EN 16471	Helmets for wildland fire fighting.
EN 16473	Helmets for technical rescues.
EN 12492	Helmets for rescues, mountaineering and climbing.
EN 443	Helmets for fire fighting in buildings and other structures.
EN 397	Industrial safety helmets.

Technical specifications

Inner material	Leather and padded foam.
Sizes	52 - 64
Dimensions	27 x 24.5 x 19.3 cm.
Weight	780 g.
Available colors	
Reflective colors	

vft2 & vft3

Greater protection and resistance

A wrap-around design produced in a single PC/ABS piece without added paint, the protective visor provides protection against liquids coming from aerial discharges with flame retardant.

More comfortable and breathable

A harness with an ergonomic inner crown pad. The textile protection on vft helmets is replaceable and washable unlike on other helmets on the market.

Tailor-made fit for every head

An inner multi-size harness with rear wheel adjustment and a new fireproof chin strap with 6 adjustment points so the protective helmet will perfectly fit any head.

Customization

A large variety of colors available, reflective strips with marking and possibility of adding a shield.



One helmet, many solutions

Compatible with all types of accessories. Goggle anchoring, front light system anchoring clips, flashlight anchoring, foldable PC shield system and clearing shield. Noise protection, nape guards, radio systems and video cameras can be included.

LED Flashlight



Front Mount



vft Goggles



PC Screen



Power Saw Kit



*Standard hearing protection

vft Nape Guard



Standards

EN 16471	Helmets for wildland fire fighting.
EN 16473	Helmets for technical rescues.
EN 12492	Helmets for rescues, mountaineering and climbing.
EN 443	Helmets for fire fighting in buildings and other structures.
EN 397	Industrial safety helmets.
NFPA: 1977	Protective clothing and equipment for wildland fire fighting. Only the vft3 model.

Technical specifications

Inner material	Leather and padded foam.
Sizes	52 - 64
Dimensions	27 x 24.5 x 16.4 cm.
Weight	600 g.
Available colors	
Reflective colors	



Safety Goggles



Wrap-around design; perfect fit

Maximum visual protection for the extremest conditions

vft goggles feature a wrap-around design for a perfect fit with the face. Ergonomic and anti-allergy foam edging on the inside for greater comfort. Compatible with the entire line of helmets and respiratory protection.

vft1 Goggles

Maximum protection and excellent visual field

Panoramic goggles with a 220° visual angle and double polycarbonate lens featuring ballistic protection and medium energy impact certification (B). Anti-fog interior and 2.8+0.5 thick anti-scratch exterior. Optical class 1.

Light and robust

Made of highly resistant materials, they provide great comfort during intensive use due to the low weight: 120 g.

Fast and easy adjustment

A quick front dual adjustment detachable fixing system to secure the helmet.



Optional ventilation system

Available with or without a ventilation system at the top and bottom of the frames.



Standards

EN 166	Personal eye protection.
EN 170	Personal eye protection. Ultraviolet filters.
EN 14458	Personal protective equipment. High-performance visors for use with safety helmets only.

Technical specifications

General		Frames		Lenses	
Weight	140 g.	Materials	Black PVC with a fire-retardant foam strip.	Materials	Transparent PC + Transparent AC.
Dimensions	22 x 9 cm.	Strap	Fire-retardant elastic fabric.	Treatment	AS + AF
Angle of view	220°	Width	25 mm.	Thickness	2.8 + 0.5
				Optical class	1



Protective Clothing



Protection Resistance Comfort

Adequately protecting yourself is essential to responding to extreme conditions

Vallfirest protective clothing combines safety, comfort, breathability, freedom of movement and high visibility to perform any work safely.

Wildland Firefighter Jacket

Protection, comfort and resistance with each operation

Made with high quality materials, the **wildland firefighter jacket** is a comfortable and light garment with a high level of protection due to the fireproof properties of the fabric.

Thermal insulation

Offers perfect protection against radiation due to its fire-retardant properties.

Features

- 4 front pockets with an oversized flap for easier opening with gloves.
- Front left top pocket adapted for portable radios.
- Velcro® for identification on the chest.
- Attachment ring for radio holster at shoulder height.
- Adjustable cuffs with Velcro® on the outside.
- Raised neck at the back for nape protection.
- Adjustable neck-covering flap with Velcro®.
- Central safety quick open zipper and easy open system.
- High visibility reflective straps on the front, arms and back.

Extra-high neck




Radio carrying pocket



Greater protection and resistance

Seams entirely sewn with NOMEX thread for more resistance to friction and wear inherent to wildland environments. Protects against electric arc (anti-static), flames, tearing, traction and abrasion.

Features depend on the model

	Composition	
	Fabric	Lining
 1 layer + lining	Fabric composition: 65% LENZING® F.R. 30% NOMEX® 5% KEVLAR® Fabric grammage: 270 g/m²	Lining material: 100% cotton Weight of lining: 260 g/m² Information on the lining: Fireproof protective fabric. Protects from the risk of instant fire and electric arc.
 2 layers	Fabric composition: 65% LENZING® F.R. 30% NOMEX® 5% KEVLAR® Fabric grammage: 270 g/m²	-

Standards

EN ISO 13688	Protective clothing. General requirements.
EN ISO 11612	Protective clothing against heat and flame.
EN 1149-5	Protective clothing. Electrostatic properties.
EN 15614	Protective clothing for firefighters. Testing methods and requirements for forestry clothing.

Technical specifications

Composition	65% LENZING® F.R. 30% NOMEX® 5% KEVLAR®
Fabric grammage	270 g. / m²

Wildland firefighter pants

Protection, comfort and resistance with each operation

Firefighter pants with high resistance and protection against radiation in direct attacks, friction and wear inherent to wildland environments.

Thermal insulation

Offers perfect protection against radiation due to its fire-retardant properties.

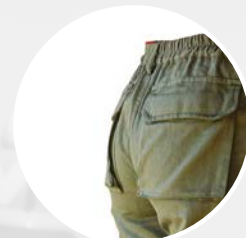
Outstanding features

- 6 pockets total. Double pocket on the sides of knees with flap, two front French seam pockets and two rear pockets.
- 40 mm wide cut in double fabric.
- 5 straps for a wide belt.
- Front button and zipper close.
- Velcro® hem adjustment.
- High visibility double reflective strip on both legs below the knee.

French pockets with overlap



Elastic waist





Velcro® fit



Breathability and freedom of movement

The wide and light design facilitates freedom of movement and the single layer on the back offers greater breathability for more comfort over intense workdays.

Features depend on the model

	Composition	
	Fabric	Lining
 1 layer + lining	Fabric composition: 65% LENZING® F.R. 30% NOMEX® 5% KEVLAR® Fabric grammage: 270 g/m²	Lining material: 100% cotton Weight of lining: 260 g/m² Information on the lining: Fireproof protective fabric. Protects from the risk of instant fire and electric arc.
 2 layers without lining	Fabric composition: 65% LENZING® F.R. 30% NOMEX® 5% KEVLAR® Fabric grammage: 270 g/m²	-

Standards

EN ISO 13688	Protective clothing. General requirements.
EN ISO 11612	Protective clothing against heat and flame.
EN 1149-5	Protective clothing. Electrostatic properties.
EN 15614	Protective clothing for firefighters. Testing methods and requirements for forestry clothing.

Technical specifications

Composition	65% LENZING® F.R. 30% NOMEX® 5% KEVLAR®
Fabric grammage	270 g. / m²

vft Mask

360° protection against radiation and particles

The vft mask offers complete facial protection against radiation and incandescent particles, preventing burns and reducing possible inhalation of contaminants.

Perfectly integrates with all other protective equipment

Quick adjustment without removal due to the double Velcro® system.



In use



At rest



Interchangeable respirator

An inner cavity to easily and quickly replace the activated carbon filter.



Recommended model: **FFP3 R D C**

- Maximum protection with excellent breathing comfort.
- Nanofiltering: The only particle filter capable of blocking these types of substances.
- An outer layer for protection against dirt, dust and liquid filtering.
- The activated carbon included in the valve blocks organic and acid gases and vapors by <TLV
- Certified as Category III PPE, pursuant to standard EN 149+A1 as per European Regulation 2016/425 (Personal Protective Equipment).

Mask standards

EN ISO 11612	Protective clothing. Protective clothing against heat and flame. Minimum performance requirements.
EN ISO 13688	Protective clothing. General requirements (formerly EN 340).
EN 15614	Protective clothing for firefighters. Laboratory testing methods and requirements for forestry clothing.

Technical specifications for the mask

Composition of mask fabric	65% LENZING® F.R. 30% NOMEX® 5% KEVLAR®
Fabric grammage	270 g. / m²
Fabric composition in respiration area	64% Viscose 34% Aramide 2% Anti-static
Thread composition	100% meta-aramid thread.
Composition of silver reflective fabric	100% FR cotton
Weight	120 g.

Xtreme Mask

Maximum protection against particles and vapors*

The Xtreme Mask offers complete protection of the face and respiratory tract, avoiding the inhalation of contaminating particles, gases and vapors. A multipurpose device that allows you to continue working safely in extreme situations.

Comfortable, lightweight and compatible with other protective equipment

Quick adjustment without removing the helmet, thanks to its double velcro system with two positions: State of use or rest. Low nasal profile mask, compatible with all types of glasses.

Situations of use

- Situation of entrapment in forest fire.
- Presence of gases and vapors, organic, inorganic, acids, amines, alomaldehyde, mercury vapor and others.
- Fumes, mists, harmful and toxic particles, viruses, bacteria, enzymes, hormones, proteins, nanomaterials and others.

* please, read the instructions and verify the limits of use for this product.



Adaptative filters:

Particles



P3R Filter

Reusable for particles, powders, fumes, mists, viruses, bacteria, etc. Bayonet connection.

Standard: EN 143: 2000

Multigas / Particles



ABEK1P3 combination filter

Reusable for particles, dusts, fumes, mists, viruses, bacteria, gases and vapors, organic, inorganic, acids and amines. Bayonet connection.

Standard: EN 14387: 2004 + A1: 2008

* it needs the filter ABEK1P3



ABEK1P3 CO combination filter

Reusable combined filter for particles, dusts, fumes, mists, viruses, bacteria, gases and vapors, organic, inorganic, acids and amines. Carbon monoxide, CO .

Standard: EN 14387: 2004 + A1: 2008

* it needs the filter ABEK1P3

Mask standards

EN ISO 11612	Protective clothing. Protective clothing against heat and flame. Minimum performance requirements.
EN ISO 13688	Protective clothing. General requirements (formerly EN 340).
EN 15614	Protective clothing for firefighters. Laboratory testing methods and requirements for forestry clothing.

Technical specifications for the mask

Composition of mask fabric	65% LENZING® F.R. 30% NOMEX® 5% KEVLAR®
vft Mask	120 g (without filter).
Half mask	141 g.
Use temperature range	From -35°C to 60°C.

vft Neckshield

A high level of protection against radiation and high temperatures.

Light and versatile

Compatible with any helmet. 6-point fixing system for perfect anchoring and to wear hanging when not in use without having to remove it.



Made in a single piece

Central closure with two self-adhering straps for a quick fit.

Standards

EN ISO 11612

Protective clothing. Protective clothing against heat and flame. Minimum performance requirements.

EN ISO 13688

Protective clothing. General requirements.

EN 15614

Protective clothing for firefighters. Laboratory testing methods and requirements for forestry clothing.

Technical specifications

Dimensions

Length 34 cm; Width 75 cm.

Composition of main fabric

65% LENZING® F.R. | 30% NOMEX® | 5% KEVLAR®

Fabric grammage

270 g. / m²

Thread composition

100% meta-aramid thread.

Velcro®

6 fixing points.



vft Gloves

High level of protection and ergonomomy

Made of 1-1.2 mm thick grain leather, they protect the hands and one-third of the forearm. The seams and lining are made in interlock Kevlar® for excellent heat resistance.

Velcro® close



Independent thumb slit



Palm



Ergonomic

A design with an independent thumb slit which respects the natural position of the hand and enhances comfort while using manual tools.

Greater protection

Long wrist with Velcro® closure for a better fit at the wrist and greater protection against radiation while using manual tools.

Waterproof and breathable

Sympatex® membrane included on the palm and back.

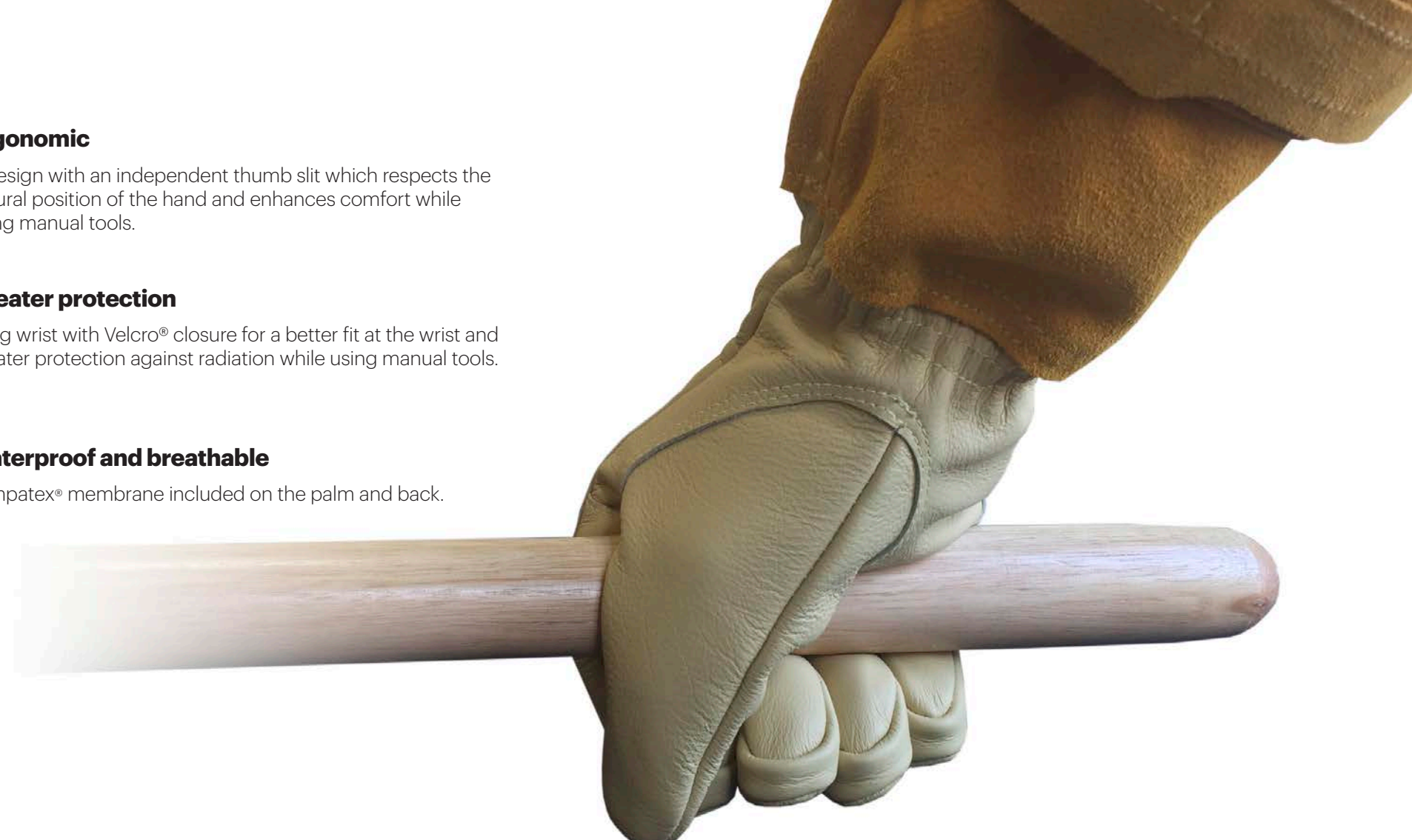
Standards

EN 659 Protective gloves for firefighters.

Technical specifications

Composition Sympatex® membrane and 1-1.2 mm thick grain leather.

Sizes 8 to 11.





Xtreme Family



Protection and versatility for the extremest of conditions

Being ready to face risky situations is essential in any prevention and extinction operation in a wildland environment. The **Xtreme** family provides a complete solution for all squads requiring a high level of protection and flexibility in these types of situations.

Xtreme Pack

The most complete wildland backpack

The Xtreme Pack was designed for flexible work in any wildland fire operation. With a rear anchoring system and several pockets, it offers great versatility when carrying tools and protective equipment. Includes high visibility reflectors, guaranteeing a 360° visible position on the ground.

High resistance to abrasion, cuts and tears

Made with 1000 Cordura and breathable mesh.

Belt-integrated hydration system

Includes the Hydrapack® system with a capacity of 2.8 liters.

Customization

A large variety of colors available and possibility of adding a shield.

Hydration



Nozzle



Cordura



Ergonomic design and extreme freedom of movement

The ergonomic harness with optimized weight distribution guarantees full arm mobility for work on combined tasks using manual tools.



Technical specifications

Weight	1.25 kg.
Harness size	(S-M) and (L-XL).
Colors	orange, black and gray.
Reflective strips	Silver gray.
Hydration system	Hidrapack® 2.8 l. Tank approved by the FDA; PVC and BPA-free.
Materials	1000 Cordura and breathable mesh.
Guarantee	2 years.

Xtreme Shelter

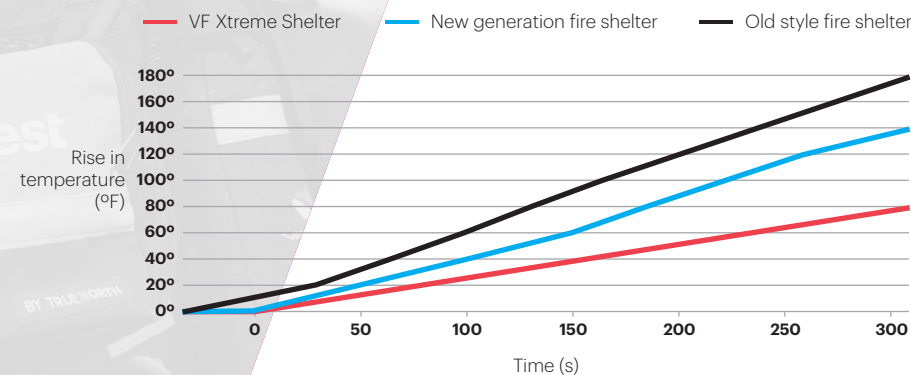
Fireproof shelter for entrapment situations during wildland fires

Multi-layer composition with a high level of insulation to radiation. The fetal position design to reduce the weight and volume for easier opening and transport.

Two configurations available:



Internal Temperatures in Full-Scale Radiant Heat Test



XS 21

Compatible with the 20l vft backpack pump and Truenorth, Fireball, Firefly and Spitfire backpacks.





XS 17

Compatible with the Xtreme Pack backpack



Technical specifications

	Weight	Dimensions when folded	Dimensions when extended	Materials
 XS 17	1.35 kg.	39 x 17 x 6 cm.	120 x 60 x 60 cm.	Aluminum Fiber Tecstar
 XS 21	1.35 kg.	39 x 21 x 6.5 cm.	120 x 60 x 60 cm.	Aluminum Fiber Tecstar

Standards

EN ISO9151

EN ISO11612

EN ISO6942

Levels A1, B1, C4

Xtreme - K

The only emergency respiration system in the world created specifically for wildland fires

A closed-circuit disposable limited Chemical Oxygen generator for respiratory tract protection in emergencies or entrapment situations. This survival device offers no less than 20 minutes of autonomy.

Compatibility with all other protective equipment

Adjustable straps for use with or without a helmet. Low nasal profile mask, compatible with all types of goggles.

Comfortable materials

Designed with hypoallergenic thermoplastic elastomer.

Resistance to high temperatures



Situations of use

- Entrapment situations during wildland fires.
- Presence of Carbon Monoxide.
- Presence of organic, inorganic gases and vapors, acids, amines, formaldehyde, mercury vapor, etc.
- Smoke, fog, harmful and toxic particles, viruses, bacteria, enzymes, hormones, proteins, nanomaterials, etc.
- Possible hypoxia, anoxia or burns in the respiratory apparatus. Oxygen deficiency < 17%.

Standards

CE 0194

Technical specifications

Weight < 1.5 kg.

Inhaled air temperature < 50°

Dimensions 154 x 225 mm.

Useful life 5 years.

No maintenance needed



Xtreme Kit

The most complete professional self-protection equipment.

The evolution in the behavior of today's fires requires safer and more efficient equipment. Aware of this scenario, Vallfirest has designed Xtreme Kit, an ensemble of three products designed as one so wildland firefighters can adapt and protect themselves from any entrapment situation and find an escape route.

Aims

- To increase safety.
- To protect the skin and respiratory tract in the event of entrapment.
- To improve efficiency. A versatile backpack capable of adapting to the unique characteristics of each type of ground and each user (technicians, captains and/or laborers).



What is included?



Xtreme Pack

Weight	1.25 kg.
Harness size	(S-M) and (L-XL).
Hydration system	2.8 l.



Xtreme Shelter XS 17

Weight	1.35 kg.
Dimensions when folded:	39 x 17 x 6 cm.
EN ISO9151	
EN ISO11612	
EN ISO6942	
Levels A1, B1, C4.	



Xtreme K

Weight	< 1.5 kg.
Autonomy	no less than 20 minutes.
CE 0194	



Tools adapted to a new reality

Work using manual tools in a wildland fire is essential for building defense lines, rolling out hoses, and setting backburns and burnouts. The **vft tools** division offers a wide range of innovative, resistant and versatile tools designed so wildland firefighters and emergency units may do their work most efficiently.





Innovation Resistance Versatility

Efficiency for wildland fire prevention and extinction

Having the right equipment is key to the success of any wildland intervention. Our manual tools are designed to optimize the work of squads on the ground, offering the most efficient, multi-purpose and high-quality solutions.



Gorgui

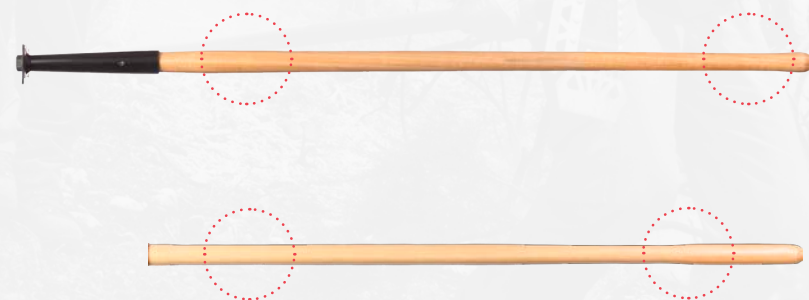
A versatile tool for all types of grounds and fuels

Why take 3 tools when you can just carry 1? The innovative design for the Gorgui combines the three most commonly used tools for wildland fire extinction in one. Multi-purpose, it's ideal for all types of grounds and fuels.

A patented model exclusively produced by Vallfirest.

Balanced and robust

An ergonomic eucalyptus wooden handle with different diameters for a short grip to dig and a long grip to cut and drag.



One idea, two versions

Gorgui



Cutting blades

- Head made of aluminum and titanium.
- Individually replaceable cutting blades made with anti-wear 500 steel.

Gorgui Classic

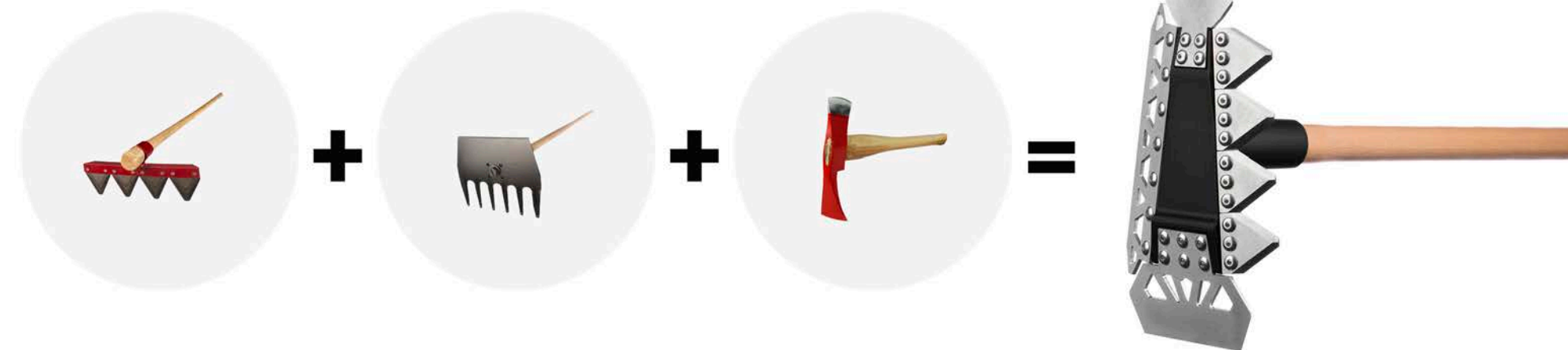


Cutting blade

- Replaceable blade made of anti-wear 450 steel.

All-in-one; one tool, multiple functions

Chopping, cutting, digging, brushing, scraping, dragging, raking.



Technical specifications for Gorgui

Thickness of the cutting blades	4 mm.
Maximum dimensions	125 x 335 x 185 mm.
Rm N/mm ² Resistance	1,400 / 1,800 N/mm ² .
Re N/mm elastic limit	1,400 N/mm ² .
BRINELL hardness	HB 440 / 520.
Weight	2.8 kg.

Technical specifications for Gorgui Classic

Thickness of the cutting blades	4 mm.
Maximum dimensions	125 x 268 x 158 mm.
Rm N/mm ² Resistance	1,200 N/mm ² .
Re N/mm elastic limit	1,400 Re N/mm ² .
BRINELL hardness	HB 415 / 500.
Weight	2.16 kg.

Handle specifications

Handle length	1.25 m.
Average diameter	31 mm.

Coupling systems

On Gorgui
Pressure and pin-fixed.

On Gorgui Classic
A screw and 4-point anti-rotation adjustment (compatible with the traditional Mcleod handle).

Fire Swatters

Maximum performance for direct attack

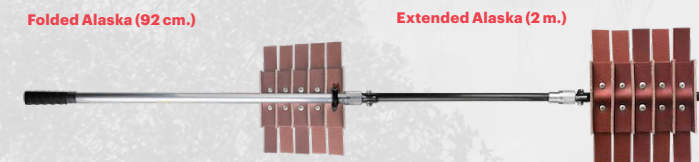
This all-new fire swatter concept exceeds today's limitations giving priority to ergonomics and efficiency.

More efficiency, less physical wear

The innovative design makes physical work more efficient. How? The flexible handle causes a whip effect for greater flapper speed with less effort, thereby increasing performance and user comfort. Greater operability due to the adjustable 45° angle. Plus, the flapper design absorbs the impact of hitting the ground to prevent overload on the hands and arms.

Telescopic handle that adapts to any situation and any user

A telescopic handle with an adaptable length for use and transport at different heights.



*The use of fire swatters for extinction operations depends on the length of the flame.

One idea, two versions



Alaska Fire Swatter

- A flapper comprised of 5 horizontal and 6 vertical flaps that rotate over the central axis for better adaptation to the ground.
- Two functions: Suffocation (horizontal flaps) and scraping (vertical flaps).

vft Fire Swatter

- A flapper comprised of a single flap with central slits for better adaptation to the ground.
- A single function: Suffocation.

Easy to carry and greater freedom of movement

Head with a lock and turn system so the working flapper can be folded down. Includes a carrying cover.

A 45° fold and lock system.



Technical specifications for the Alaska model

Weight	1.78 kg.
Rigid handle material	Aluminum.
Flexible handle material	Delrin Pom C
Flapper composition	Tear-resistant multilayer cotton and self-extinguishing synthetic rubber.
Flap work surface	30 x 21 cm.
Folded extended length	92 cm. 2 m.

* Includes carrying cover.

Technical specifications for the vft model

Weight	1.6 kg.
Rigid handle material	Aluminum.
Flexible handle material	Delrin Pom C
Flapper composition	Tear-resistant multilayer cotton and self-extinguishing synthetic rubber.
Flap work surface	40 x 25 cm.
Folded extended length	92 cm. 2 m.

* Includes carrying cover.

1L Drip Torch

Great operability for technical fire maneuvers

The essential accessory for helitransported squads and control and analysis vehicles. A light tool that's highly useful for indirect attack and parallel operations such as backburns, burnouts, escape fires, hazard-reduction burning and the creation of safe zones.

Flexible use

The double-threaded cover design makes for compact transportation and quick assembly.

Safety

Tank approved for fuel transportation. A check valve inside the cap, a valve in the volume flow regulator.



Easy to transport

Attaches to a belt or backpack (with the fuse on the inside and tank closed) for easier moving with free hands and arms. Small size ideal for helitransported squads and control and analysis vehicles.



Technical specifications

Weight not including handle	340 g.
Weight including handle	460 g.
Diameter	9 cm.
Height	27 cm. (closed)





Backpacks



Comfort and versatility under the harshest of conditions

Designed for use in different operations, Vallfirest backpacks reflect extensive experience in body mechanics, load transfer and ergonomics.

20l. vft Backpack Pump

Maximum comfort, performance and operability

The vft 20 l. backpack pump is a major advance in ergonomic professional equipment. Designed for use in various operations, it offers all the comfort and versatility firefighting brigades need by combining the use of backpack pumps with manual tools.

Features

- A large filling cap with built-in filter.
- Two carrying handles: easier loading and grip for filling at outdoor water points.
- Integrated high-visibility reflectors.
- Pocket and Velcro® straps on the side for the nozzle.
- Padded straps on the shoulders and waist for more comfort.
- An Alice Clip system to personalize the belt.
- Rear compartment for storing supplies, small tools or the Xtreme Shelter XS 21 fireproof tent.
- A quick connection/disconnection system.



Tank filter



Quick fastening



Adjustment



The most versatile backpack

Velcro® straps on the back to carry tools.



Backpack specifications

Weight	2.54 kg. Weight without nozzle: 1.48 kg.
Dimensions	62 x 48 x 5 cm.
Capacity	20 l.
Cover material	1000 Cordura.
Tank	100% Polyester H.T. 1100 dTex. tank + PVC

Nozzle specifications

Weight	1.06 kg.
Type	Double plunger.
Flow rate	8 l. / m.
Nozzle length	1 m.
Jet	Adjustable continuous: concentrated or hollow cone.
Scope	Up to 12 m.
Manufacturing material	Nickel-plated brass.



vft Hose Pack

Resistant, versatile and ergonomic

A backpack designed to carry hoses and other heavy loads. The ergonomic design, which is inspired by the mountain backpack load system, and padded harness make carrying heavy items comfortable.

Comfortable

A size adjustment system to be adapted to different heights as well as a padded belt with reinforcement to help support the weight on the waist. Ventilated back with lumbar support.

Versatile

Hoses or heavy objects? The canvas bag and attachment belts enable different configurations to carry heavy items or accessories (hoses, cans, motor pumps, clothing, helmets...)

Resistant and light

Aluminum structure weighing just 3 kg.



High load carrying capacity

With a front opening and overlap close, it enables progressive and comfortable hose loading and unloading. It can carry and secure up to 4 hoses either single-folded, double-folded or in a skein.



Technical specifications

Weight	3 kg without the bag 3.9 kg with the
Dimensions	62 x 48 x 5 cm.
Maximum load	20 l.
Structure material	Aluminum

Harness material	1000 Cordura
Reinforcements	Polyester
Bag material	PVC canvas
Attachment belts	Nylon



Direct attack with a water line

The **vft frontline** division is comprised of rapid intervention devices designed for efficient and safe work in any fire prevention or extinguishing operation. A comprehensive solution that brings cutting-edge technology to firefighting brigades to multiply the performance of ground squads and provide forest management tools even for the most remote areas.



Rapid Intervention Skid Units

100% customizable solutions

The all-new Vallfirest skid units designed for pickup vehicles, UTVs and trailers, equipped with low, medium and high-pressure motor pumps (centrifugal, membrane and piston).

- High-quality components and replacement part availability.
- Custom manufacturing based on the vehicle type.
- The best quality/price ratio.
- 2-year warranty.



Skid Unit with Centrifugal Pump

Low pressure | Up to 25 Bar with a maximum flow rate of up to 390 l/min.



Gasoline engines between 6.5 and 14 HP as per the pump model

Pump model	Maximum flow rate	Maximum pressure	Motor power
2RD 30/6	240 l/min	8.5 Bar	6.5 HP
2RD 50/9	258 l/min	12 Bar	8.4 - 10 HP
2RD 50/13	275 l/min	15.5 Bar	11.7 - 14 HP
FSP4200	390 l/min	25 Bar	11.7 HP

Includes

- Quick attack winder.
- Water tank.
- Absorption oversleeve.



11 HP diesel engine

Pump model	Maximum flow rate	Maximum pressure	Motor power
2RD 50/9	258 l/min	12 Bar	11 HP
2RD 50/13	275 l/min	15.5 Bar	11 HP

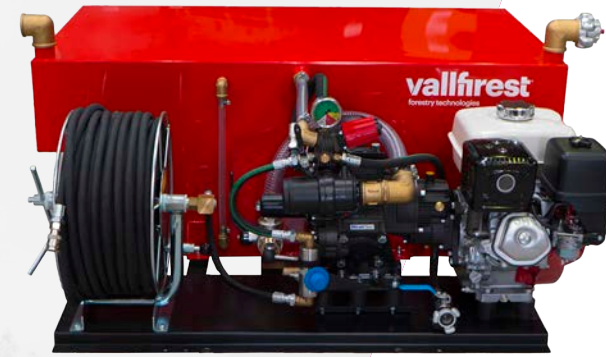
*Optional accessories

- Water nozzle.
- Hose.
- Foam-forming agent kit (photo not available)
- Foam-forming agent nozzle.



Skid Unit with Membrane Pump

Medium pressure | Up to 50 Bar with a maximum flow rate of up to 102 l/min.



Gasoline engines between 4.8 and 18 HP as per the pump model

Pump model	Maximum flow rate	Maximum pressure	Motor power
AR30	36 l/min	40 Bar	4.8 HP
AR503	54 l/min	40 Bar	8.4 - 10 HP
AR813	80 l/min	50 Bar	11.7 - 14 HP
AR1053	102 l/min	50 Bar	18 HP

Includes

- Quick attack winder.
- Water tank.
- 70 m. high-pressure DN10 hose.
- Water nozzle.
- Absorption oversleeve.



Diesel engines between 7.5 and 12 HP as per the pump model

Pump model	Maximum flow rate	Maximum pressure	Motor power
AR503	54 l/min	40 Bar	7.5 HP
AR813	80 l/min	50 Bar	12 HP

*Optional accessories

- High-pressure foam-forming agent kit (photo not available).
- Foam-forming agent nozzle.



Skid Unit with Piston Pump

High pressure | Up to 280 Bar with a maximum flow rate of up to 42 l/min.



11.7 to 16 HP gasoline engine depending on the pump model

Pump model	Maximum flow rate	Maximum pressure	Motor power
XWL 42.10	42 l/min	100 Bar	11.7-13.5 HP
XWL42.15	42 l/min	150 Bar	16 HP
XW 21.20	21 l/min	200 Bar	11.7-13.5 HP
XW 21.25	21 l/min	250 Bar	14 HP
XW 21.28	21 l/min	280 Bar	16 HP

Includes

- Quick attack winder.
- Water tank.
- Foam-forming agent nozzle.
- Foam-forming agent system (photo not available).
- Water nozzle.
- Absorption oversleeve.



Water Tanks

Custom configuration

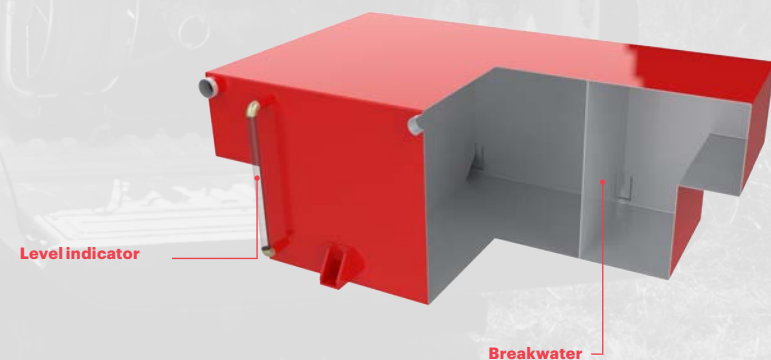
Multiple capacities and materials:

- Stainless steel.
- Polyethylene.
- Flexible canvas.

Stainless steel tank

A very resistant tank made of 2 mm stainless steel with a built-in inner breakwater system to prevent water from moving to the side to ensure vehicle stability.

The tank has two 1 - 1/2" holes on the top, one to load water and another for air flow. A 3/4" drain on the front to empty the tank. The tank connects to the vehicle bed with 4 fixing points on a Silentblock system that absorbs load stress and movement.



Vertical skid unit



2 longitudinal breakwaters

Water capacity	Cabin type	Foam-forming agent capacity
400 L	Double cabin	-
450 L	Double cabin	-
600 L	Double cabin	-
600 L	Single cabin	-
600 L	Double cabin	50 L (not included, must be specially ordered)
600 L	Single cabin	50 L (not included, must be specially ordered)

Horizontal skid unit



2 longitudinal breakwaters and 1 transversal breakwater

Water capacity	Cabin type	Foam-forming agent capacity
120L	UTV (buggy)	-
250L	UTV (buggy)	-
400L	Double cabin	-
450L	Double cabin	-
600L	Double cabin	-

Technical specifications

- Made of 2 mm stainless steel. AISI-304 cold-rolled, fireproof and flame-resistant.
- Remaining water level indicator for the water tank.
- Powder coating, oven cured.
- Manhole to inspect the inside of the tank.
- Manufacturing tanks with other capacities is possible; ask.

Standard colors



* Ask about other colors.

Flexible Canvas Tank

A very light tank (700 g/m²) made of high-tenacity polyester canvas coated in PVC and lacquered on two sides. Features one suction point on the front and a filling point on the top.

The tank connects to the vehicle bed with different fixing points for perfect securing.

Flexible canvas skid unit

Water capacity	Cabin type	Foam-forming agent capacity
400 l.	Double cabin	-
700 l.	Double cabin	-

Technical specifications

- Made of high-tenacity polyester canvas.
- Manufacturing tanks with other capacities is possible; ask.

* This skid unit does not include a winder

Standard colors



* Ask about other colors.



Polyethylene Tank

Light and resistant, the tank has two 1 - 1/2" holes on the horizontal top, one to load water and another for air flow. A 3/4" drain on the bottom to empty the tank.

Polyethylene Skid Unit

Water capacity	Cabin type	Foam-forming agent capacity
400 l.	Double cabin	12 l.
600 l.	Double cabin	14 l.

Technical specifications

- Made of seamless reinforced polyester.
- Remaining water level indicator for the water tank.
- Powder coating, oven cured.
- Manhole to inspect the inside of the tank.
- Manufacturing tanks with other capacities is possible; ask.

Standard colors



* Ask about other colors.



Tool Carrier Structure

Engineering and mechanics for our customers

Custom design and configuration

- Tool carrier cabinet.
- Equipment carrying tray with railing.
- Custom made.

Open



Closed



How do you choose a skid unit?

Situations of use	Requirements		
	Centrifugal	Membranes	Pistons
Wildland fires	✓	✓	Less recommended
Vehicle fires	✓	✓	✓
Housing fires	✓	✓	✓
Cleaning and unclogging	✗	Less recommended	✓

Requirements	Situations of use		
	Centrifugal	Membranes	Pistons
What is the water flow you need?	0-390 l/min	0-105 l/min.	0-42 l/min.
What pressure (Bar)?	0-25 Bar	0-50 Bar	0-280 Bar
Which hose diameter?	25-45 mm.	10 mm.	10 mm.
Foam expansion ratio	Medium/High	Low/Medium	Low/Medium

1



2



3



4



Dronster

A multi-purpose, flexible, quick and versatile robot

Dronster is a high-performance professional machine specially designed to work in the emergency field, looking to improve the security and efficiency of the operatives that work in a risky environment. A remote control device that's capable of working at a regular speed and with a homogeneous performance, that helps triple the squad performance.

One machine, multiple options

Dronster has been designed to work on the following scenarios:

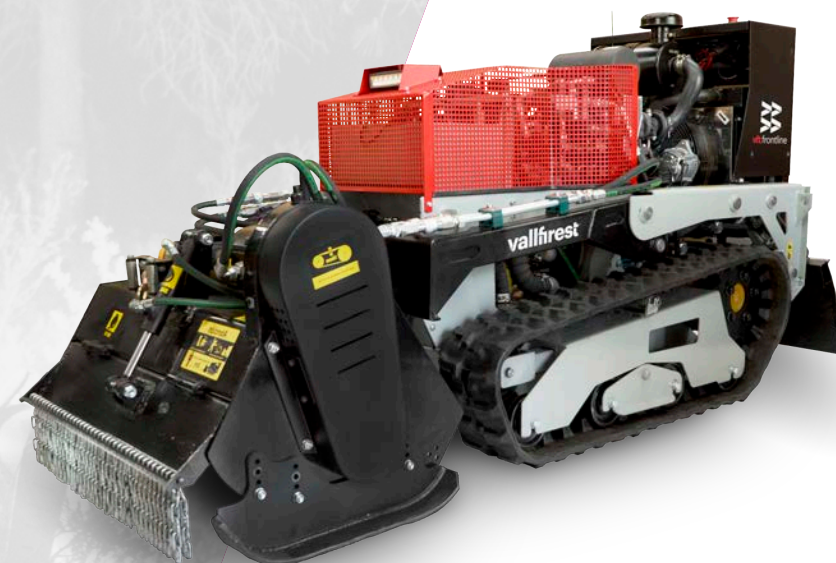
- Wildland fires
 - > Passive security: wildland management and safe areas.
 - > Active security: defense lines and fire perimeters.
- Structural / industrial fires.
- Chemical risks.

Total traction to overcome the demands of wildlands

The variable front attack angle, off-ground chassis and built-in swing in the traction systems absorb irregularities in the ground like stones, trunks and small stairs without destabilizing. Flexible mobility at a speed of 5 km/h.

Great operating capacity while minimizing field damage

Capable of working efficiently on slopes of more than 30°. The small size means it can pass through 90 cm bushes. Suitable for cleaning work, fire prevention and controlled burns.

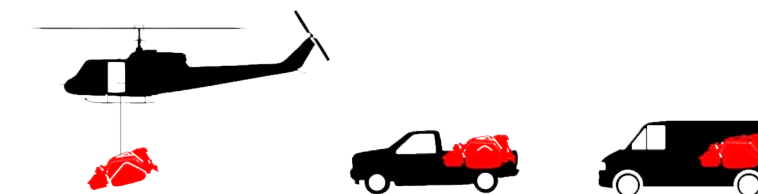


Light, intuitive and easy to use.
Operate the machine at a distance of 25 m.



Easy to transport

Can be adapted to a number of tools to operate in different situations (wildland fire, industrial fire, clean-up work...). Furthermore, the small size and low weight (850 kg) means that it can be moved on a pickup or in vans and/or helicopters.



The most versatile robot

Brush cutter Front tool



One-meter-high forestry mulcher capable of performing work between lines, narrow roads, highway and road slopes. High cutting power with hybrid shafts, blades / hammers or Forest 360°.

Technical data

Cutting length	120cm
Pressure	200 bar
Rotation speed	1980rpm
Oscillation	13° dx-sx
Hydraulic Engine	23-33cc
Weight	176 kg

Monitor Front tool



Essential accessory for remote work in the extinction of high-risk structural or industrial fires.

Technical data

They may vary depending on the model and manufacturer.

Ventilator Front tool



Used to create positive pressure in the evacuation of fumes and conduction of convective heat in closed areas and it increases water efficiency.

Technical data

They may vary depending on the model and manufacturer.

Trencher Front tool



Tool necessary to create trenches and perimeter fires of organic matter or subsoil.

Technical data

They can vary depending on models and customizations.

Rear shovel Rear tool



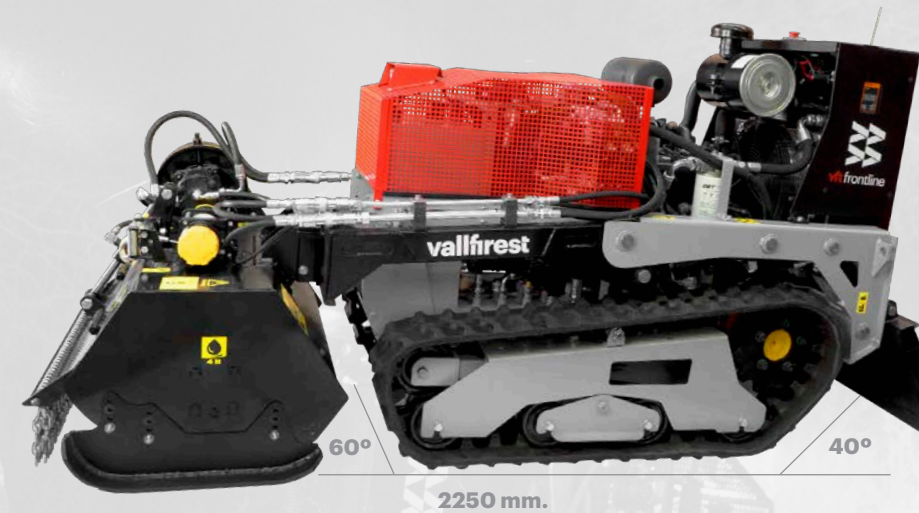
Adapted to the rear of the machine, it serves to separate and drag the fuel remains generated by the grinder.

Technical data

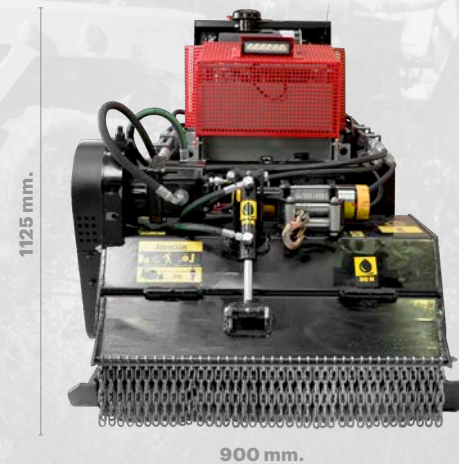
Work length	86 cm
Weight	22 kg

Robust, efficient and reliable

Dronster has been built on a steel chassis capable of resisting shocks. All components have been tested and certified to ensure maximum reliability and safety.



Thanks to its small size, Dronster is able to work efficiently between wooded terrains with a narrow planting frame.



Fuel models according to the Rothermel scale



Dronster can work on models 3, 4, 5, 6 and 7 up to 8 cm in diameter

Features

Engine

Kubota 3 cylinder 4 stroke | 32.8 HP (24.5kW)

Hydraulic Group

Bosch Rexroth piston pump

Fuel tank

19 l.

Oil tank

40 l.

Running

Bosch Rexroth radial piston motors | Rubber chains.

CPU

Bodas controller RC Serie 30 | 4 Ports Can.

Protection of electronic components

IP 65 Protection

Remote control

Rechargeable batteries

Control panel

Hour timer | Levels | Temperature

Speed

0-5 km/h.

Front winch

Allows drag of up to 1.000 kg

Weight

850 kg. (weight of the machine without implements).

Heliskid

Water wherever and whenever you want

Heliskid is a compact and versatile skid unit for light vehicles designed for easier direct attack operations with a water line in remote areas. A device that can be moved on the ground or in the air, **it has 6 times more water capacity than a traditional skid unit and a high-performance motor pump.**

Quick and easy assembly

A completely operational system in less than 5 minutes.

Optimized loading time

The Heliskid tank is unique in that it can be supplied using aerial resources, thereby considerably reducing the time needed by standard trucks which use other trucks to load their water tanks.

Water available in difficult-to-access places

Can be helitransported to remote areas where trucks and pickups can't go to have a tank in a strategic point for extinguishing work.



Flexible deployment and use

Quickly deploy the structure/tank with 4 hoisting points to be filled and pressure-feed the water from the tank through the motor pump and hoses.



Motor pump

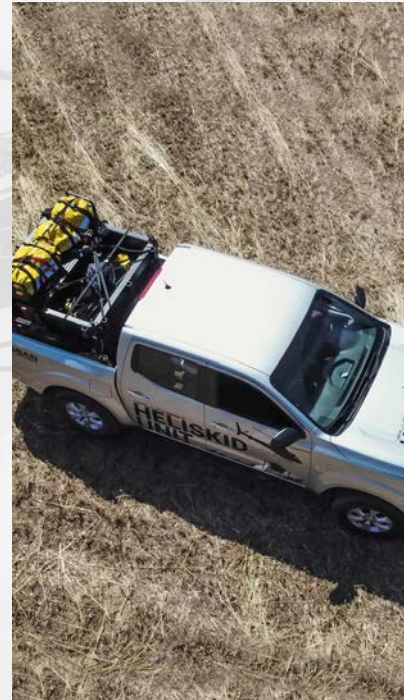
Model	Wick 4200	Wick 4200	Wick 4200
Power	13 HP	18 HP	23 HP
10 bar pressure	240 l/min.	355 l/min.	363 l/min.
20 bar pressure	85 l/min.	215 l/min.	240 l/min.
25 bar pressure	22 l/min.	140 l/min.	170 l/min.

Features

Telescopic structure	Quick fix support system	Fuel tank	12 l.
Hose pack	Can carry 3-4 hose-carrying bags for a total of 240-320 meters of hose.	Hoisting points	4 points for helicopter transportation.
3,000 l. canvas tank	Fold-down canvas and detachable structure for transportation	People needed for assembly	A minimum of 2 people recommended.
Motor pump	4,200 Wick to choose from (13-23 HP)	Weight	340 kg without water 350 kg with a full tank.

Heliskid

- Reinforced aluminum structure.
- Tools and 3 or 4 hose packs can be loaded without compromising helicopter transportation.
- 4 independent telescopic legs.
- 3,000 l. fold-down canvas tank.
- 4-stroke engine and pump.
- Independent gas tank.



Sequence of use

1

Transportation

Easily moved in pickup vehicles because of the small size and low weight.

2

Loading and unloading

Telescopic legs to raise the Heliskid to load/unload it from the vehicle.

3

Helitransportable

Because of the low weight (350 kg) and 4 upper anchoring points, the Heliskid may be transported to difficult-to-access areas via helicopter.

4

Stabilization

The 4 independent telescopic legs can stabilize and level the Heliskid on any ground. Plus, it's equipped with a level indicator for better accuracy.

5

Tank assembly

A light structure for easy water tank deployment and assembly. Tank connection to the pump via a suction hose.

6

Filling

The tank can be filled from the helicopter or through suction from a hydrant, river, lake, truck, etc.

7

Use

A 45 mm connector output enables split coupling for two hoses.



Attack nozzles



Adjustable flow rate nozzles

Made with high-durability materials that are resistant to high temperatures.

vft SG 540 Nozzle

Adjustable constant flow nozzle with rotary cogs.



Motor pump

NFPA 1964

Standard for spray nozzle tips.

UNE EN-15182

Manual hose nozzles for services

Features

- Laser engraved symbols and usage indicators.
- Ergonomic handle, grip and bumper.
- Compatible with foam proportioners and CEP foam tubes.
- Easy maintenance.
- Cleaning position.

Specifications

Weight	1.58 kg.
Length	23 cm.
Adjustable flow rates	19-37-90-150
Deflater type	Rotary cogs
Operating pressure	7 Bar at 100 Psi 16 Bar at 228 Psi.
Material	Anodized aluminum
Rotating inlet	1 1/2" (25mm.) NH NPSH BSP Barcelona
Positions	Stream, 30° fog and total fog.

Rylstatic

The latest in firefighting nozzles

Rylstatic is the latest technological advance in firefighting nozzles. This notched deflator enhances the features for rotary turbines as well as fixed cogs in the following ways:



- **Less headloss** since the water flow changes direction more gently **and greater reach** in the stream position of approximately 4.5%.
- The water mixes with the air for **smaller drops, a more even stream and better fog quality**.
- **No maintenance required:** the cogs don't break, don't bend and don't get obstructed.

vft Viper Attack 550 Nozzle

A next-generation constant flow regulator nozzle featuring the all-new patented Rylastic system.



Motor pump

NFPA 1964 Standard for spray nozzle tips.

EN-15182 Manual hose service nozzles.

Features

- Laser engraved symbols and usage indicators.
- Ergonomic handle, grip and bumper.
- Compatible with foam proportioners and CEP foam tubes.
- Easy maintenance.
- Cleaning position.

Specifications

Weight	1.36 kg.
Length	22 cm.
Adjustable flow rates	25-50-125-175.
Deflater type	Rylastic system.
Operating pressure	7 Bar at 100 Psi 16 Bar at 228 Psi.
Material	Anodized aluminum.
Rotating inlet	1 1/2" (25 mm.) NH NPSH BSP Barcelona
Positions	Stream, 30° fog and total fog.

vft Orange Devil 3012 Nozzle

A next-generation constant flow regulator nozzle featuring the all-new patented Rylastic system.



Motor pump

NFPA 1964 Standard for spray nozzle tips.

EN-15182 Manual hose nozzles for services

Features

- Laser engraved symbols and usage indicators.
- Ergonomic handle, grip and bumper.
- Compatible with foam proportioners and CEP foam tubes.
- Easy maintenance.
- Cleaning position.

Specifications

Weight	2.28 kg.
Length	29 cm.
Adjustable flow rates	115-230-360-465
Deflater type	Rylastic system.
Operating pressure	7 Bar at 100 Psi 16 Bar at 228 Psi.
Material	Anodized aluminum
Rotating inlet	1 1/2" (25 mm.) NH NPSH BSP Barcelona
Positions	Stream, 30° fog and total fog.

Self-Protection Systems

Complete protection for emergency situations

Designed to protect people and objects threatened in emergency situations due to wildland fires either because of an eruption of fires in urban areas or entrapment situations during extinguishing operations.



Self-Protection Kit

Protection against wildland fires

The all-new self-protection kit designed to protect developed areas, isolated homes, campgrounds, recreational areas and/or isolated structures in forested areas from fires.

Agile and customized use

Easily towed and scalable to adapt to the area to be defended.

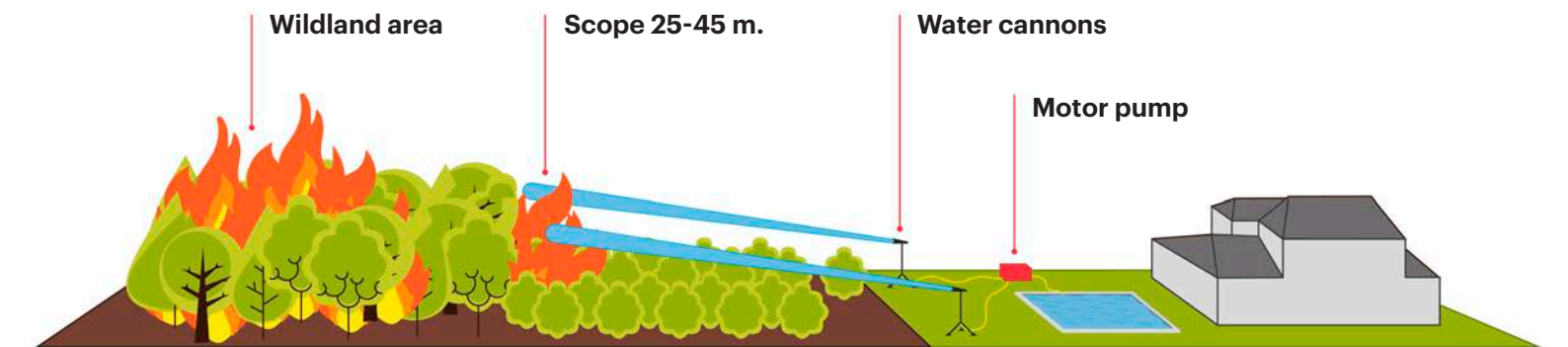
Components

- EN certified PPE (customer chooses quantities).
- Portable motor pump (Tohatsu 60 HP 2-stroke engine. Self-driven air filter, external oil filter, foam-compatible pump).
- Manual tools: Gorgui and fire swatter.
- SIDEINFO System (Approximate scope of 25 to 45 m. Can be rotated 360°. Protected surface area: 1,900 to 6,400 m². Can be connected to a hydrant, pool, tank, motor pump).
- Adjustable flow nozzle. Blindex 3-layer hose. Fuel tank. Connectors, wyes and all the accessories needed for proper installation and operation.
- Independent gas tank.



The most effective protection for an urban wildland interface

Used to quickly deploy a complete self-protection system. Includes all necessary PPE for operations.



How does it work?

1

Select the area to defend with greater precision.

2

Install the motor pump at the closest water source.

3

Connect all the hoses (from the motor pump to the cannons).

4

Set up the water cannons in a defense position.

5

Turn on the motor pump and it will begin spraying water.

Fire-Retardant Curtains

Thermal insulation for vehicles

Specially designed for entrapment situations during wildland fires. Custom-made for each vehicle model to guarantee complete coverage of the inside of the cab. Easy to assemble and can be moved from one vehicle to another as needed. For enhanced effectiveness, using in combination with self-protection nozzles and assisted breathing equipment is recommended.



Features

- Comprised of 3 layers.
- Outer aluminum layer.
- Middle fiberglass layer.
- TECSTAR inner layer.



TECSTAR features

Thermal shock	> 300 °C
Ignition	A 435 °C with 100% O ₂
Maximum continuous operating temperature	260 °C

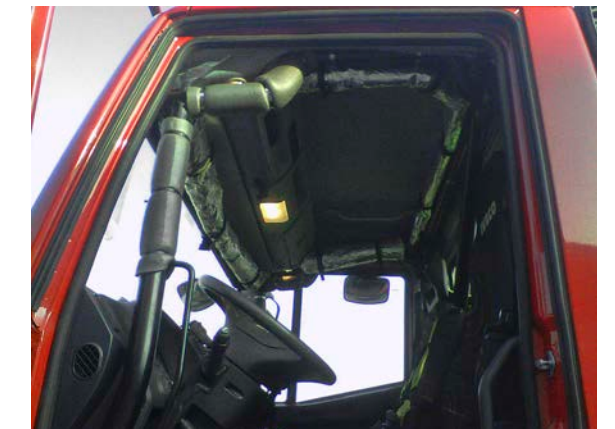
Standards

EN ISO 9151

EN ISO 11612

EN ISO 6942

Levels: A1, B1, C4.



Self-Protection Nozzle

High-pressure and low-energy nozzle for vehicles in entrapment situations

The cycloidal screen releases high-pressure water to create a fan-shaped protective shield over the survival area which dampens the vegetation and vehicle structure with artificial rain to absorb heat. The shape and volume of discharge vary based on the operating pressures (optimal pressure of 20-22 bar with a consumption of 120 l/min). All-new model with optimized hydraulics.



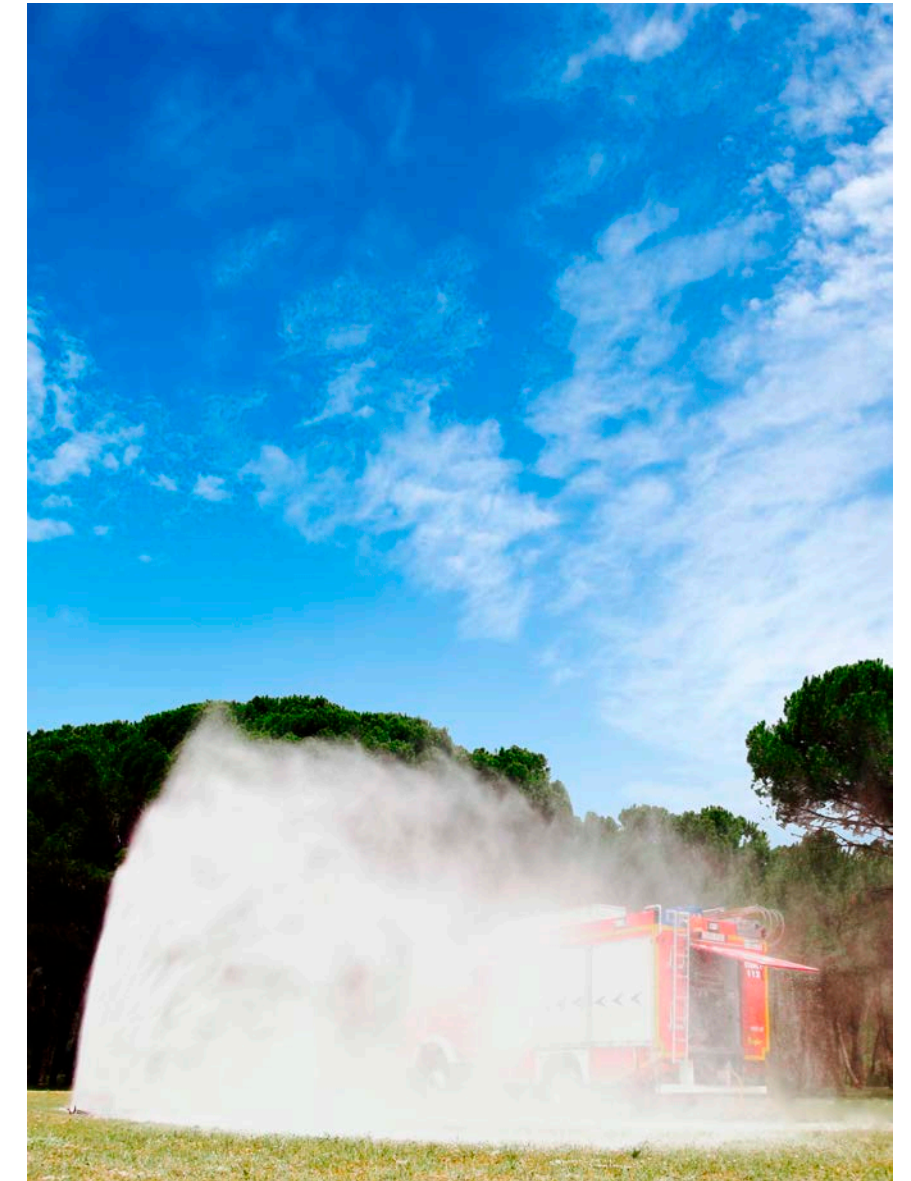
Recommended conditions of use

20-22 bar operating pressure.

- 10-20 m. of 25 mm. hose
- 120 l/min. consumption
- 11 m. wide water screen
- 4 m. tall water screen

Features

Material	Stainless Steel
Dimensions	10 x 12 x 20 cm.
Weight	900 g.
Connector	Barcelona (25 3/4") male UNE23400 (aluminum).
Stream (nozzle)	25 mm. diameter
High-pressure semi-circular screen	up to 35 Bar.
Guarantee	2 years.





A new generation of helicopter tools

Gravity-based water discharge systems have not evolved in the last 30 years and do not meet the needs of today's fires. To improve their efficiency, Vallfirest has created the **vftaerial** division - a new generation of products designed with the highest technology to revolutionize fire extinction with aerial resources, drastically improving the accuracy of water discharge and reducing the cost of operations and their environmental impact.



Leo System

The new generation of helicopter-based extinguishing devices

The Leo System is a fire extinction device that produces a straight stream flow of Class A fire-fighting foam at a mixed pressure. The production of completely expanded and homogeneous foam takes advantage of all of its benefits as an extinguishing agent and users may choose the foam-forming agent concentration, direction and flow rate to adapt it to any type of ground and fuel. Leo System is the road to efficiency, precision, greater safety and water savings during wildland fire extinction.

Great versatility: multiple loading systems

Quick fill by immersion or an optional pump. Loading in seas, lakes, basins, tanks, hydrants, fire trucks or cisterns.

Compatible with ground work

Discharges are precise and directional so they may be synchronized with the ground personnel's work without any risk of exposure.

Multi-attack

Allows parallel conventional direct attack to surround the perimeter when the fire intensity doesn't allow a better approach and indirect attack to ensure extinction.

More effective with less water, a commitment to sustainability

The United States National Institute of Standards and Technology (NIST) has determined that the foam is 3 to 5 times more effective than untreated water for fire extinction. The continuous and expansive discharge produced by **the LEO System lasts 10-20 times longer** with the same load than current systems and reduces the environmental impact during water scarcity periods.



Total pilot control

Pilots may control the foam production from the cabin with a single control (from 0 to 1% depending on the need) and vary the pressure and flow, sending an effective density without water loss by drainage.

More reliable, more sustainable

The layer of foam covers the burnt or partially burnt materials to trap in the fumes being produced, reduce the smoke and suppress re-ignition. Plus, the ability to dampen solid fuels is up to 20 times higher than when using water alone.

Immense length of application or greater cooling cover

The foam expansion increases the surface covered and the capacity of the water to absorb heat.

High visibility continuous mark dispersion

The white color of the foam makes it very easy to determine where it has been applied for easier anchoring and discharge overlapping.



Leo System

Class A foam-forming agent

Humectant

Reduces the surface tension of the water to help separate and penetrate into the solid fuels. Extinction up to 20 times faster than when just using water.

Adherent

Keeps the water on vertical surfaces so it can penetrate the fuel.

Degreaser

Stirs the oily substances in the fuel for better water penetration.

11 discharges at 1%

22 discharges at 0.5%

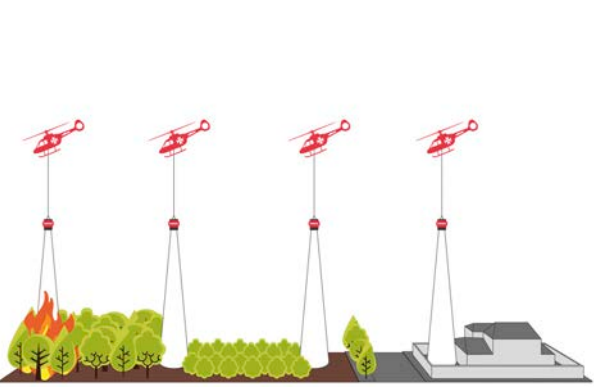
Foam-forming agent autonomy.

1 m.

Minimum depth for immersion filling. Without a suction pump.

30 cm.

Minimum depth for suction pump filling.



Technical specifications	700 l.	2,000 l.
Deadweight	250 kg.	400 kg.
Water tank capacity	700 l.	2,000 l.
Foam-forming agent capacity	80 l.	200 l.
Foam-forming agent percentages	0-1% (0.1% graduation)	0-1% (0.1% graduation)
Discharge time	30-90 sec.	60-100 sec.
Filling time	3 sec.	3 sec.
Filling pump (optional)	1,000 l/min.	1,000 l/min.
Emergency discharge	Total or partial	Total or partial
Flow rate	1,000 l/min.	1,000 l/min.
Pressure	3-8 Bar	3-8 Bar
Discharges	11 at 1% foam-forming agent 23 at 0.5% foam-forming agent 38 at 0.3% foam-forming agent	10 at 1% foam-forming agent 20 at 0.5% foam-forming agent 33 at 0.3% foam-forming agent
Dimensions*	Main diameter (1,200 mm.) Height (1,750 mm.) Floater diameter (1,520 mm.)	Main diameter (1,800 mm.) Height (1,950 mm.) Floater diameter (2,200 mm.)

Standards

EN 16471

Helmets for wildland fire fighting.

EN 16473

Firefighter helmets. Helmets for technical rescues.

EN 397

Industrial safety helmets.

EN 12492

Helmets for rescues, mountaineering and climbing.

EN 443

Helmets for fire fighting in buildings and other structures.

NFPA 1997

Protective clothing for wildland fire. (US standard).

EN 166

Personal eye protection.

EN 14458

Personal eye protection equipment. High-performance visors for use with safety helmets only.

EN 170

Personal eye protection. Ultraviolet filters.

EN ISO 13688

Protective clothing. General requirements.

EN ISO 11612

Protective clothing. Protective clothing against heat and flame.

EN 1149-5

Protective clothing. Electrostatic properties. Part 5: Material behavioral requirements and design.

EN 15614

Protective clothing for firefighters. Laboratory testing methods and requirements for forestry clothing.

EN 659

Protective gloves for firefighters.

EN 13794

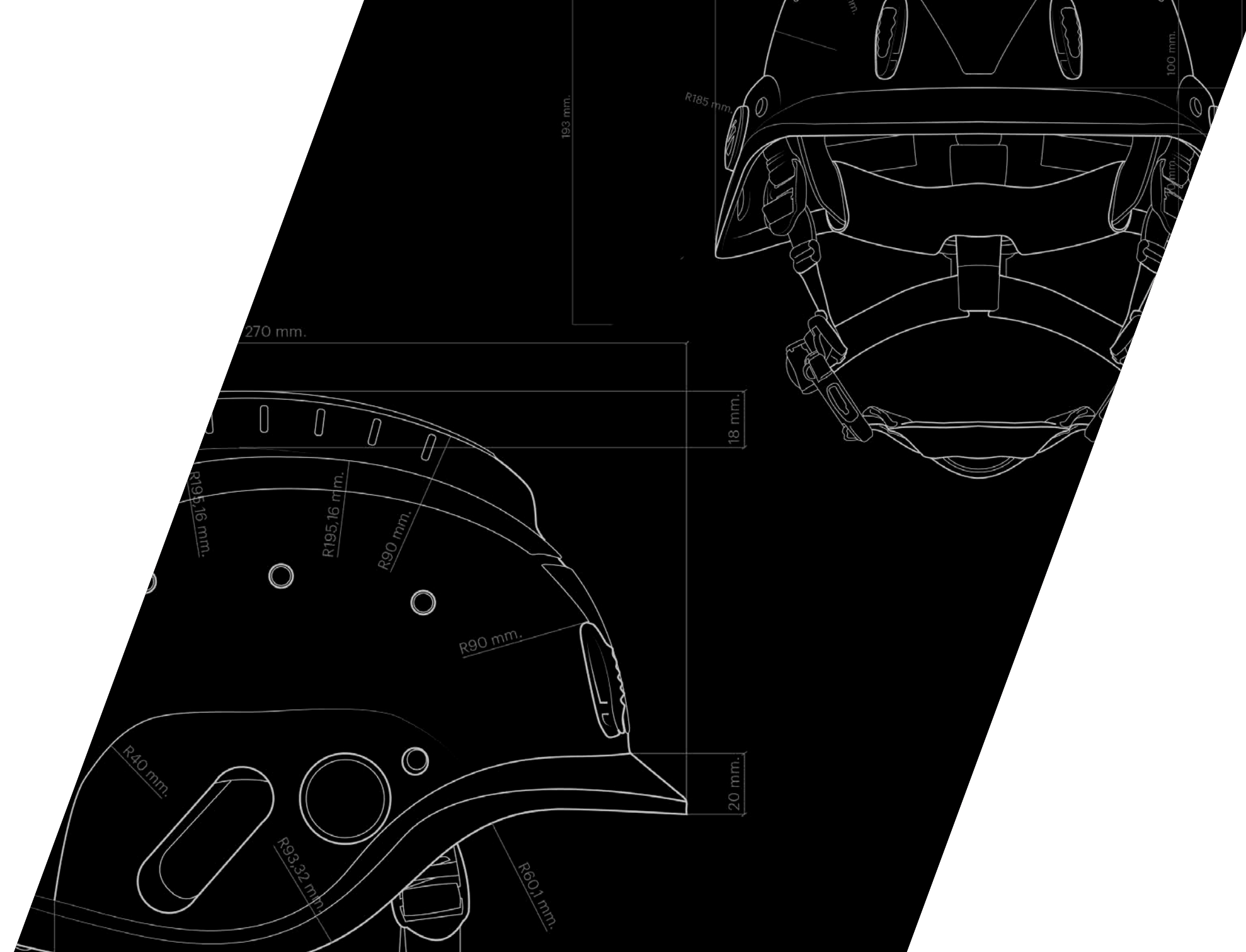
Respiratory protection equipment. Closed-circuit autonomous respiratory equipment for evacuation.

EN ISO 9151

Protective clothing against heat and flame. Determination of heat transmission on exposure to flame.

EN ISO 6942

Protective clothing. Protection against heat and flame.



Quality Policy

In line with our slogan "Innovative Solutions for Wildland Fire Fighting", our mission seeks to change the world of wildland fires by equipping professionals with tools, equipment and services based on technological innovations and analyses of lessons learnt to efficiently and safely manage and fight 21st century fires.

Pursuant to our values, we want to be our customers' first choice. The quality of our products and their satisfaction are our priorities. We make an effort to constantly improve our products throughout their lifecycle.

The business activity VALLFIREST TECNOLOGIAS FORESTALES S.L. considers compliant with the quality required as per the International Standard ISO 9001:2015 is:

THE DESIGN, MANUFACTURE AND SALE OF WILDLAND FIRE FIGHTING EQUIPMENT AND MATERIALS

Our commitment in order to reach this goal:

1. Meeting our customers' explicit and implicit demands, requirements and expectations as well as all legal and regulatory requirements.
2. Disseminating our product quality goals as well as our economic aims, human resources and quality criteria throughout all levels of our organization.
3. Implementing quality indicators and monitoring their progress to understand and guarantee our products and the quality level desired by our customers.
4. Ensuring optimal work conditions by assessing all risks that may arise in the processes and eliminating them as possible as well as reducing those assessed.
5. Developing ongoing training plans tending to improve our employees' qualifications and thereby implicating all personnel in the achievement of all the goals established in this document.
6. Consolidating the ongoing improvement process in the performance of all activities carried out at the company with management undertaking the commitment to constantly improve our quality system.
7. Fostering and achieving a motivating atmosphere for everyone at the company.
8. Being respectful to the environment by reducing contamination and waste and being efficient with our fuel consumption.
9. Maintaining the vision of being the leading company in the European market and an international reference in the design and development of professional equipment and tools for wildland fire fighting by innovating as we design solutions that offer professionals greater safety, better ergonomics and more efficiency all while constantly enhancing these tools based on professionals' real needs and lessons learnt.

Thank you for your trust.

www.vallfirest.com

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